The Journal

of the

American Pharmaceutical Association

INDEX TO VOLUME III

JANUARY TO DECEMBER, 1914

INDEX TO AUTHORS

Ackerman, Adolph H.,
Advertising, 976
Alpers, W. C.,
Address, 1695
American Pharmaceutical Association; History of, 1625
Request from the Historical Department, 597
Syrup of Ferrous Iodide, 420
Amos, W. S.,
Additions to N. F., 322
Apple, F. M.,
Calendars for Advertising, 1316
Insurance for Pharmacists, 713
Pennsylvania in A. Ph. A., 1135
Review of Current Pharmaceutical Literature, 1721
Some Dispensing Hints, 231
Synthetics, 1141
Arny, Harry V.,
The A. I. P., 1542
Baker, W. F.,
Digitalis, 304
Ballenger, Edgar G.,
Gastric Disturbances, 736
Beal, George D.,
Caramels, 495
Chemistry, Treatise on, (Book Review), 778
Collodion Membranes, 499
Beal, James H.,
Am. Med. Education, 297
Bichloride Legislation, 161
Bichloride Situation, 483
Co-operation, 295
Harrison Bill, 4, 479
Law for Itinerant Vending, 1690
Legislative Problems, 1051
Price Protection, 8
President-Elect, 136
Professional Ethics, 619
Trade Pirates, 164
Beath, O. E.,
Oregon Balsam, 28
Becker, L. A.,
U. S. P. (IX) Preparations, 1023
Beckwith, C. P.,
Adrenalin, 1547
Bender, A. W.,
A Prescription Query, 695
Beringer, George M.,
Bichloride of Mercury, 1111
Invitation, 1143
Report on Standards, 873
Syrup of Iron Iodid, 970
Bradley, Theodore, J.,
Nitrometer, 1442
Bragg, W. H.,
X-Rays, 1602
Briggs, C. H.,
Compressed Tablets, 31
Bromley, A. W.,
Advertising, 738
Brown, J. Lee,
Liquor Magnesia Citratis, 969
Brown, Linwood A.,
Methods of Analysis, 642
Cadwallader, R.,
Address, 1125
Caspari, Charles E.,
Santonin, 634
Chambers, H. L.,
A Pharmacopoeia, 51
Chase, Walter M.,
Biologicals, 1319
Chillingsworth, F. P.,
Gelsemine, 315
Clark, Ira B.,
Window Dressing, 122
Cook, E. Fullerton,
Address, 1298
Cooper, Zada M.,
College Examinations, A Defense, 1718
Pharmacist's Duty, 672
Day, Wm. B.,
Hughes-Bacon Bill, 13
Retailers in A. Ph. A., 1688
Diner, Jacob,
Autogenous Vaccines, 177
Dodge, Francis D.,
Oils, Analysis of, 1664
Doeppers, W. A.,
Oubain, 646
Dunning, H. A. B.,
Formaldehyde and Methyl Alcohol Detection, 637
Eberhardt, E. G.,
A Bibliography, 38
Eldred, F. R.,
A Bibliography, 38
Elliot, Vanna,
Spirits Camphor and Water, 91
Emanuel, Louis,
The Law and the Label, 670
England, Joseph W.,
Dreaming and Doing, 1716
Dr. William Saunders (Obituary), 1726
Joseph E. Morrison (Obituary) 277
Louis Woltersorf (Obituary) 278
E'we, G. E.,
Laboratory Notes, 1681
Fantus, Bernard,
Tablet Making, 72
Tablets for Children, 656
Farwell, Oliver A.,
Rhamnus, 649
Feil, Joseph,
Glycerin, A Substitute for, 1648
Fernald, F. K.,
Business Relations, 85
Ferry, N. S.,
Infection and Immunity, 558, 730
Floyd, Henry B.,
The Laboratory Equipment of the Pharmacist, 569
Forman, Leroy,
Chicory, Its Detection, 1669
Emulsions, 1444
Glycerine, Its Determination, 1644
Vanilla Extract, 25
Frame, A. W.,
Poison Law, 663
Freericks, Frank H.,
Harrison Bill, 1, 882
Pharmacy Laws, 55, 196, 333
Fuller, H. C.,
Pharmaceutical Chemistry, 129
Gardner, Robert J.,
Fluid Extract Manufacture, 997
Manufacturing Pharmacy, 1325
Gathercoal, Edmund N.,
Frangula and Rhamnus Purshiana, 982
The Pharmacognosy Museum, 17
Gay, Mrs. St. Claire R.,
The Pharmacopoeia, 432
Ginger, 115
Syrup of, 1576
Godding, John G.,
Massachusetts College of Pharmacy, 77
Gordin, H. M.,
Lloyd's Reagent, 627, 1656
Gordon, Fred T.,
History of Homeopathic Pharmacy, 1707
Report of Section on Historical Pharmacy, 1699
Haskell, Chas. C.,
Digitalis Leaves, 306
Ergotin and Powdered Extract of Ergot, 786
Oubain, 646
Heidelberg, Fritz,
Metal Colloids, 799
Pituitary Gland, 808
Helfman, Joseph,
Detroit Meeting, 489
Hensel, S. T.,
Compound Syrup of Phosphates, 232
Magnesia Magma, 1118

295103

Hilton, S. L.,
Harrison Bill, 880
Petroleum Liquidum, 577
Hitchens, A. Parker,
Antitoxins and Vaccines, 715
Sterilization, 792
Hostmann, Jeannot,
Apparatus in a Pharmacy, 697
Hynson, Henry P.,
All Fool's Day, etc., 1537
Difficult Things in Dispensing, 343
Kaplan, J.,
Lloyd's Reagent, 627, 1656
Kauffman, George B.,
The War and the Drug Market, 1533
Kebler, L. F.,
The Tablet Industry, 820, 937, 1062
Kline, A. J.,
Edible Mushrooms, 434
Kraemer, H.,
Medicinal Plants, 111
Lascoff, J. Leon,
Camphorated Oil in Ampoules, 689
Latham, Thomas,
The Liniments of the U. S. P. and N. F., 234
Laube, J. E.,
Poisons, 257
Lawall, Charles H.,
Chicory, Its Detection, 1669
Emulsions, 1444
Extract of Vanilla, 25
Law, the Letter of, 326
Liquor Antisepticus, 507
Liquor Antisepticus, Alk., 508
Magma Magnesia, 1002
Mercury Estimation, 50
Pennsylvania Laws, 1025
Review of Phar. Literature, 1593
Separatory Funnel, 498
Leet, R. A.,
Advertising Methods, 1318
Lindley, John M.,
A Suggestion or Two, 1173
Little, L. D.,
The Determination of Citral, 553
Llewellyn, J. F.,
Pharmacal Chronology, 243
Lloyd, John Uri,
Biography of John King, 247
Lloyd's Reagent, 625
Lobeck, A. K.,
Efficiency, 700
Lyman, Rufus A.,
Modern Medicine, 1175
Lyon, B. B. Vincent,
Autogenous Vaccines, 721
Maines, E. L.,
Ash Content of Crude Drugs, 423
Manufacturing Points, 1325
Total Extractive as a Factor, 997
Mansfield, William,
Papain of Commerce, 169
Marden, J. W.,
Spirits Camphor and Water, 91
Marshall, E. C.,
A Plain Duty, 1688
Commercialism of Pharmacy, 1454
Digest of Comments on U. S. P., 924
Dr. Beal's Resignation, 769
Mass. S. P. A., 240
Price Standardization, 484
Superstition in Medicine, 1146
Time to Halt, 1144
Unity of Effort, 623
"Yuletide," 1687
Mason, Harry B.,
Commercialism, The Bugaboo of, 1446
Reform Measures, 416
Mayer, Joseph L.,
Chemical Examination of Urine, 687
Urine Analysis, 1120
Volumetric Acid and Alkali Solutions, 708
Vleminck's Solution, 1000
Mayo, Caswell A.,
Address, Installation, 1249
Historians Report, 76, 1701
Historical Section, 80
McAdams, Clark,
Indian Tool House, 1611
McClallen, E. G.,
Dispensing Doctors, 1321
McElhenie, Thomas D.,
An N. F. Suggestion, 276
Miller, F. A.,
Digitalis, 304, 306
Medicinal Plants, 34, 308
Murray, B. L.,
Hydrogen Peroxide, 650
Poison Laws, 663
Needham, R. H.,
Prescription Writing, 961
The Pharmacopoeia, 1167
Niece, Frederick E.,
Colorimetric Methods, 1460
Pharmacy and Queries, 1463
Nitardy, F. W.,
Address on Practical Pharmacy and Dispensing, 1309
A Good Finish for Table Tops, 967
Calomel Suspension, 965
Noyes, C. R.,
Specifications in Buying Drugs, 851
Osseward, C.,
Prescriptions, Analysis of, 1554
The Trade-Mark Evil, 67
Payne, George F.,
Hospital Corps of the U. S. Army, 457
Reports of General Interest, 584
Pearson, W. A.,
Book Review, 777
Peyton, J. W.,
Candy as a Side Line, 1314
Pittenger, Paul S.,
The Pituitary Gland, 808
Testing Ergot, 925
Variation of a Guinea Pig, 815
Posey, H. G.,
Practical Pharmacy, 348
Rabak, Frank,
Oil of Hops, 779
Oils, Volatile, 1670
Ramsay, C. F.,
Fluid Extracts, The Manufacture of, 1646
Raubenheimer, Otto,
Bibliography of Formularies, 959
Bichloride Tablets of the G. P., 186
Buying Chemicals from Peddlers, 89
Centenary of Pharmacists, 80
Cobblers to Your Last! 1609
Don'ts in Pharmacy, 971
Lotio Alba, 692
Obituary, Prof. Edward Schaer, 276
Pharmaceutical Happenings Century Ago, 1703
Report on Recipe Book, 189
Tablets, 1158
Rehfeld, Dr. G.,
Lloyd's Reagent and Alcresta Alkaloids, 710
Remington, Joseph P.,
Philadelphia College of Pharmacy, 78
Progress of Pharmacopoeial Revision, 429
Rippetoe, J. R.,
Nitroglycerine Tablets, 96
Roemer, J.,
Non-Official Medicaments, 259
Rupert, J. F.,
Native Dentists in China, 849
Sayre, Lucius E.,
Gelsemine, 314
Lactucarium, Syrup of, 237
Materia Medica, 253
Oil of Birch and Methyl Salicylate, 1658
Oregon Balsam, 28
Schaefer, Hugo H.,
Nux Vomica, Alkaloid in, 1677
Schieffelin, Wm. J.,
Radium Emanation, 1649
Schlotterbeck, A. G.,
The Maine Ph. Ass'n, 350
Schneider, Albert,
Qualifications to Teach, 503
Schulte, Arthur C.,
Window Dressing, 440
Scoville, Wilbur L.,
Glycerite of Bismuth, 1294
Tinct. of Cantharides, 631
Seltzer, L. A.,
The Detroit Committee, 1456
Sherman, Charles R.,
Clerks, 1449
Sievers, A. F.,
Belladonna, 98, 492

Smith, N.,
Nitroglycerine Tablets, 96
Smith, Ernest R.,
Fluid-Glycerates of the N. F., 324
Stewart, Alonzo H.,
Harrison Bill, 882
Stewart, Francis E.,
Science of Immunology, 1290
Materia Medica Standardization, 1161
Sensitized Vaccines, 103
Stewart, J. Reverdy,
Antitoxins and Vaccines, 858
Stockberger, Dr. W. W.,
Cunila Mariana, 33
Drug Plant Breeding, 166
Medicinal Plant Gardens, 1436
Taylor, H. L.,
Standardizing a Three Year Course, 330
Thurston, A.,
Testing Linseed Oil, 174
Vanderkleed, Charles E.,
Laboratory Notes, 1681
Metal Colloids, 799
Pituitary Glands, 808
Testing Ergot, 925
Variation in a Guinea Pig, 815
Vardaman, Ben R.,
The Art of Making a Sale, 509
Varnum, Walter H.,
Adulterated Preparations, 500
Waldecker, F. C.,
The Phylacogens, 868
Wallace, John C.,
National Drug Conference, 191
Wardle, Arthur S.,
Dispensing Physicians, 1322
Watson, G. N.,
Oil of Birch and Methyl Salicylate, 1658
White, William R.,
Handling Stronger Ammonia Water, 506
Wilbert, M. I.,
Harrison Bill, 880
List of Useful Remedies, 932
Need for Greater Uniformity in Laws, 1168
Official and Other Tinctures, 1660
Paraffine Oil, 580
The Patent Medicine Problem, 572
The Sixty-Fifth Annual Session the A. M. A., 1121
Titles for New Remedies, 652
Wilkerson, Jerome C.,
Advertising, 125
Wimmer, Curt P.,
Colloids, 1004
Windolph, Fred,
Better Drugs, 1603
Woodruff, C. M.,
National Drug Trade Conference, 261, 744
Wyckoff, E. E.,
Hypophosphorous Acid, 182
Wolff, Frank A.,
The Bureau of Standards, 1426
Youngken, H. W.,
Relation of Pharmacognosy to Pharmacy, 175
Zeig, John,
Organo-Therapy, 1138
Zoller, Harper F
Caramels, 495

INDEX TO SUBJECTS

A

Acacia, 359
  syrup of, 1575
Acetum Scillae, 549
Acid and Alkali V. S., Standardization of, 708
Acid, citric, 1563
  hydriodic, 1564
  hydrobromic dilute, 1564
  hydrochloric, 1564
  hypophosphorous, assay of, 182, 1564
  nitric, 1564
  phosphoric, 1564
  sulphuric, 1564
    concentrated for tests, 1582
Aconite—
  root, 359, 670
    assay of, 986
Address, of Pres. Beringer, 1217
  of chairman, section on Pharmacopœia and Formularies, 1298
  of chairman of section on practical pharmacy and dispensing, 1309
  of chairman on Historical Pharmacy, 1695
  of president of women's section, 1513
  installation of Pres. Mayo, 1249
  of R. Cadwallader, 1125
  report of committee on president's, 1368
Adeps—
  benzoin, 1565
Adjuvant elixir, 1568
Adrenal gland, 1139
Adrenalin, pharmacy of, 1547
Adulterated preparations, the cause of, 500
Advertising—
  art of writing, 738
  calendars, 1316
  pharmaceutical, 125
  retail drug store, 976
  "What Methods to Employ," 1318
Agar-Agar, 360
Agaricus, 434, 873
Albumen, 873
Alcresta—alkaloids, 710
Alkaloid—gelseminine, study of, 314-315
Almond meal, 856
Almond, oil sweet, 362
Alpers, William Charles, 1722
Aloes, 360, 855
Althaea, 361
All Fool's Day,—
  at the dispensing counter, 1537
Amendment—
  to By-Laws of House of Delegates, 1403
  to Food and Drug regulations, 902
  to Harrison Bill, 479
  to Pharmacy Laws, 55, 196, 333
Amer. Druggists' Fire Ins. Co., meeting of, 1750
Amer. Druggists' Syndicate, convention, 589
American Institute of Prescriptionists, (The) 1542
Am. Medical, education criticised, 297
American Pharmaceutical Association—
  convention, rates and routes for, 921
  history of, 1625
  honorary pres. of, Geo. Henry Schafer, 1459
  officers elected, 1535
  Pennsylvania in, 1135
  reform measures for, 416
  retailers in, 1688
  sixty-second annual convention of, 1217
  Year Book of, 819
Ammonia liniment, 550
Ammonia water—
  method of handling, 506
Ampoules—
  camphorated oil, 689
Amyl nitrite, 362, 1327, 1466, 1584
Analysis—
  of emulsions, 1444
  of prescriptions, 1554
  methods of, 642, 1076
Anise, 362
  oil of, 855, 1105
Antisepticus, liquor, 507
Antipyrin—
  tablets, 1087
Antitoxins—
  and vaccines, 715
  preparations and care of, 858
Apothecaries Abroad, 1735
Apparatus in retail pharmacy, 697
Apple, Franklin M., 1725
Arnica, 363
Arny, Harry V., 1725
Aromatic elixir, 1568
Arsenic—
  in Fowler's Solution, 645
  test of, 1579
Art of making a sale, 509
Asafoetida, 363
Asclepias, 873
Ash-content of crude drugs, 423
  determination of, 1078
Associations—
  Maine, history of, 350
  Massachusetts, State, 1240, 1037
  Medical, American, 65, 1121
    Illinois, 1035
    Kentucky, 1180
    Maryland, 1180
    Missouri, 1181
    Pennsylvania, 1182
  N. A. R. D., 1034, 1474
  National of Boards of Pharmacy, 584
  National of Mfgs. of Medicinal Products, 587
  National Wholesale Druggists, meeting of, 1608
  Women's Pharm. of the Pacific Coast, 1343
Aspidosperma, 1566
  fluid extract, 1569
Assay—
  alkaloidal, gen, directions, 984
    allyl iso-thiocyanate, 1110
  cinnamic aldehyde, 1107
  citral, 1119
  phenols, 1110
Atropin sulphate, 1088

B

Balsam, Oregon, 28
Baptisia, 873
Beal's, Dr., Resignation, 769
Beef, wine and iron, 670
Beeswax, 854
Belladonna, 365, 366, 492
  alkaloidal content of, 98
  assay of, 987
  emplastrum, 1568
Benzoin, 366, 855, 1565
Bergamot—
  oil of, 876
Berries, blackberry, 874
  raspberry, 874
  horse-nettle, 874
Bibliography—
  of deterioration of drugs, 38
  of formularies, 959
Bichloride legislation, 161
  situation, 482
Biological products, 1100
  business, boosting the, 1319
Blood Root, 399
  tincture of, 1577
Book Reviews, 777, 924, 1157
Branches A. Ph. A., 142, 279, 458, 598, 752, 891, 1030, 1340, 1484, 1612, 1744
Brown, Linwood A., 1724
Buchner, Ludwig Andreas, 83
Buchu, 367
Bureau of Standards—
  work of, 1426
Butternut, 874

C

Cade, oil of, 1106
Caffeina, alkaloid, 1089
  citrated, 549, 1089
Calendars as an advertising medium, 1316
Candy, as a side line, 1314
Cajuput, oil of, 1106
Calamine, 856
Calcium glycerophosphates, 1566
California, 1915! 880
Calomel suspension, 965
Calumba, 367
Cambogia, 368
Camphor, a study of, 91
  liniment of, 550
Camphorated oil—
  apparatus for filling ampoules with, (illustrated), 689
Cannabis, 368
Cantharides, 369, 988, 1567
  tincture of, 631, 1576
Capsicum, 369
Caramels, preparation of, 495
Cardamon, 369
Carum, 370
  oil of, 1106
Cascara sagrada aromatic, 1569
Castile soap, 853
Causerie, 920
Centenary—
  of men famous in pharmacy, 80
Ceratum, 1567
  cantharides, 1567
Chapman, William B., 81
Chemicals, buying from peddlers, 89
Chemistry, pharmaceutical, 129
Chicory, its detection, 1669
Cinchonidin, 1090
Cinchona—
  assay of, 989
  flava, 371
  rubra, 372
  tinctures of, 1577
Chondrus, 371
Cimicifuga, 371
Citric acid, 1563
  syrup of, 1576
Cinnamon, 372, 373
  oil of, 1107
Clerks—
  how to gain efficiency from, 1449
City, the convention, (illustrated), 916, 1151
Clover, 879
Cloves, 370
  oil of, 1107
Cobblers, To Your Lasts!! 1609
Coccus, 373
Cochineal, 373
Colocynthis, 374
Colchicum, 545
  assay of, 990
  extract of, 374, 534, 996
College Examinations, A Defense, 1718
Colleges of Pharmacy—
  Massachusetts, 77
  Philadelphia, 78
  Iowa, 1342, 1475
  Illinois, 1342
  St. Louis, 1343
  West Virgina, 1475
College and Society, 887, 1034, 1179, 1342, 1475, 1614, 1748
Collodion, 549
  cantharidal, 550
  flexile, 1567
Colloids, metal, (illustrated), 799
  their importance, 1004
Colorimetric methods, (illustrated), 553, 1460
Commercialism—
  the bugaboo of, 1446
Committee, local,
  Detroit, its organization, plans and work, 1456
Compressed tablets, 31, 820, 937, 1062
Condurango, 374
Conference National Food Trades, 584
  National Drug Trade, 590
  minutes of, 744
Convallaria, 375
Conventions—
  American Druggists Syndicate, 589
  N. A. R. D., 1034, 1474
  N. W. D. A., 1608
Convention, (A. Ph. A.), 1217, 1336, 1353, 1489
  at Detroit, 921
  invitation to, 1143
  dispatch of business at, 1145
  attendance at, 1371
Co-operation overdoing, 295
Coriander, 376
  oil of, 1107
Creosote coal-tar, 856
Cresol, 1567
Council business, 157, 287, 471, 611, 761, 905 1038, 1186, 1343, 1374, 1479, 1614, 1754
Cubebs, 376
  oil of, 1107
Cunila Mariana, 33

D

Day, William B., 1336
Decoctions, 550
Delegates—
  resolutions from House of, 1401
  accredited to the 62nd annual convention 1404
Detroit, the Convention City, 624
  the work of the local committee, 1456
Delphinium, 873
Dentists—
  native, in China, 849
Digitalis—
  activity of, 304
  potency of, 306
  dried, 377
  infusum, 550
  tincture of, 1577
  fluid extract of, 541
Dioscorea, 874
Dispensing counter—
  All Fool's Day at, 1537
Dispensing, difficult things in, 343
Dispensing doctors, 1321, 1322
Don'ts in pharmacy, 971
Dreaming and Doing, 1716
Drugs—
  ash content of, 423
  better, as well as foods, 1603
  crude, 972
  deterioration of, 38
  habit forming, 1168
  specifications in buying, 851
Drug plant breeding, 166
Drug market, effects of the war on, 1533
Drug store, efficiency in a, 700
Drug trade, conference, 590, 744

E

Education, medical, criticized, 297
Elder Flowers, 877
Electrical science, 1606
Elixir—
  aromatic, 1568
  adjuvant, 1568
Emplastrum—
  belladonna, 1568
  cantharides, 1568
  capsicum, 1569
  rosin, 1569
  lead, 1669
Emulsum, amygdalae, 549
  analysis of, 1444
  asafoetidae, 549
  olei morrhuae, 550
  olei terebinthinae, 550
Entertainments proposed at Detroit meeting, (illustrated), 489
Ergot, 377
  activity of, (illustrated), 786
  fluid extract of, 541
  method of testing (illustrated), 925
Eriodictyon, 378
Ether, 1565
Ethics, a question of professional, 619
Eucalyptus, 378
  oil of, 854, 1107
Euonymus, 379
Examinations, College, 1718

Exposition, Panama-Pacific International, 449
Extracts—
aconiti pulveratum, 533
belladonnae foliorum, 533, 534
cannabis indicae, 534
cascarae sagradae, 534
cimcifugae pulveratum, 534
colchici cormi, 374, 534, 990
colocynthidis, 535
ergotae, 535
euonymi pulveratum, 535
fellis bovis pulveratum, 535
gelsemii pulveratum, 535
gentianae, 536
glycyrrhizae purum, 536
hydrastis pulveratum, 536
hyoscyami, 536
malti, 536
nucis vomicae pulveratum, 536
opii pulveratum, 537
physostigmatis pulveratum, 1569
powdered, 533
rhei pulveratum, 537
stramonii, 537
stramonii pulveratum, 537
sumbul, 537
taraxaci, 538
vanilla, 25, 411, 548
viburni prunifolii, 1569

F

Fennel, 379
Ferrous iodide, 420
Flores verbasci, 1597
Fluid extracts, 538
aconite, 540
apocyni, 540
aromaticum, 540
aspidospermatis, 1569
aurantii amari, 540
belladonna, 540
buchu, 540
cannabis indicae, 541
cascara sagrada, 541, 1569
cimicifugae, 541
cinchonae, 541
colchici seminis, 541
digitalis, 541
ergot, 541
eriodictyi, 541
eucalypti, 541
gelsemii, 541
gentianae, 541
glycyrrhizae, 541
granati, 541
grindeliae, 542
guaranae, 542
hydrastis, 542
hyoscyami, 542
ipecacuanhae, 542
lobelia, 542
nux vomica, 542
pareirae, 542
pilocarpi, 542
podophyli, 542
rhei, 542
sabal, 543
sarsaparillae, 543
scillae, 1570
senegae, 543
senna, 543
spigeliae, 543
staphisagriae, 543
stillingiae, 543
sumbul, 543
taraxaci, 543
tritici, 543
ura ursi, 543
veratri, 544
viburni, 544
xanthoxylum, 544
zingiberis, 544
Fluidextracts, manufacture of, 997, 1646
Foeniculum, 379
oil of, 1108
Food and drug trades conference, 584
Food in packets, 1601
Formaldehyde, estimation of, 637
Formulary, National—
additions to, 322
Fowler's solution—
arsenic in, 645
Frangula, 380
chemical tests for, criticised, 982
Fraxinus, 874
Funnel, separatory—new form, (illustrated) 498

G

Galenicals, 973
miscellaneous, of the U. S. P., 549
Galla, 380
Gambir, 381
Garlic, 1597
Gastric disturbances, prevention of, 736
Gaultheria, oil of, 854
Gelatinum, 1570
glycerinatum, 549
Gelseminine—
study of, 314, 315
Gelsemium, 381
Gemmae populi, 874
Gentian, 381
Glands—
adrenal, 1139
ovarian, 1140
pituitary, 1139
suprarenal, 1100
thymus, 1139
thyroid, 1101, 1139
Glucose, 1570
Glycerine, 854
determination of, 1644
substitute for, 1648
Glycerite—
acid tannic, 550
amyl, 549
of bismuth, 1294
boroglycerini, 549
hydrastis, 1571
phenolis, 549
Glycerophosphates, 1566, 1575
Glycyrrhiza, 382
Granatum, 383
Grindelia, 383
Guaiacum, 384
Guarana, 384
assay of, 991
fluidextract of, 542
Guinea pig—
variation of susceptibility, 815

H

Hamamelis, 1565
Harmony, 915
Harrison Bill, 1, 4, 479
a symposium on, 880
Health Service, U. S. Pub., 159, 291, 474, 614, 763, 909, 1046, 1195, 1350, 1478, 1621
Hedeoma, oil of, 1108
Hemp, Canadian, 362
Hexamethylenamine, 654, 1093
formaldehyde in, 637
Hints, dispensing, 231
Historian, report of, 76
Historical section—
photographs on file, 80
important dates since 1700, 213
Hops, 384
oil of, 779
Horse medley, 856
Hughes-Bacon Bill, 13
brief in behalf of, 592
Humulus, 384
Hydrangea, 1597
Hydrargyri—
massa, 1572
oleatum, 1573
Hydrastis, 384
assay of, 992
fluidextract of, 542
Hydrogen peroxide—
acidity of, 650
Hyoscyamus, 385
assay of, 993
Hypophosphites—
syrup of, 1576

I

Illustrations, (Frontispiece), Beringer, Geo. Mahlon, August; Mayo, Caswell A., September; Detroit Ladies' (group), October; Remington, Joseph Price, November; Saunders, William, December.
Immunology—
New science of, 1290
In and Out of the Indian Toolhouse, 1611
Infection and Immunity—
a review, 558, 730
Infusum, 550
digitalis, 550
sennae compositum, 549
Insurance—
for pharmacists, 713
Inula, 1598
Iodine, tincture of, 644, 671
Ipecacuanha, 385
assay of, 993
syrup of, 1576
Iris, 1598
Iron, carbonate, 1574
iodid of, 420, 970
mass, carbonate, 1572
tinct. of, 1577

J

Jalapa, 386
assay of, 994
Juniper, 875
oil of, 1108

K

King, John, M. D., 84, 247
Kino, 386
Krameria, 387

L

Lactucarium, syrup of, 237, 387, 1576
Lac vaccinum, 875
Laboratory equipment of the pharmacist, 569
Laboratory notes, 1681
Larkspur, 873
Lavender, oil of, 1108
Lawall, Charles H., 1724
Law, and Label, The, 670
Laws, Pharmacy, 55, 196, 333, 1025, 1168, 1752
for itinerant vending, 1690
letter of the, 326
poison, aspects of, 663
Porto Rico, 1044
A Model Pharmacy, 1750
Legal Decisions, 154, 282, 467, 607, 757, 902, 1044, 1184, 1348, 1476
Legislation—
Bichloride, 161, 591
Bichloride tablet, 1111
Harrison Bill, 1, 4, 479
Hughes-Bacon Bill, 13, 592
Metz Bill, 486
Porto Rico Pharmacy Law, 1044
Stevens Bill, 485
Letters to the Editor, 1752
Lime, 853
lactophosphate syrup of, 1576
liquor of, 528
Lemon, 388
oil of, 1108
Leptandra, 388
Liniments—
ammonia, 550
belladonna, 549
calcis, 549
camphor, 550
chloroform, 549
saponis, 550, 1571
terebinthinae, 550
Linseed, 388, 856
oil, testing of, 174
Liquid petroleum, (U. S. P. VIII), 577, 1013
Liquor, acidi arsenosi, 527
ammonia acetate, 527
antisepticus, 507, 508
arseni et hydrargyri iodidi, 527
calcis, 528
chlori compositus, 528
cresolis compositus, 528
ferrous ammonia acetate, 528
ferrous chloride, 528
ferrous subsulphate, 529
ferrous tersulphate, 529
formaldehyde, 529
hydrogen dioxide, 529
iodi compositus, 530
magnesia citratis, 530, 968
plumbi subacetatis, 530
potassii arsenitis, 530
citratis, 531
hydroxidi, 531
sodii arsenitis, 531
sodii, chlorinatae, 531
sodii chloride physiologicus, 532
sodii hydroxidi, 532
zinc chlorid, 532
Literature, Pharmaceutical, Review of, 1593, 1721
Lloyd's reagent, 625, 627, 710, 1656
Lobelia, 389
Lotio alba, 692
Lupulinum, 390
Lycopodium, 390

M

Mace, 1599
Magma Bismuth, 1571
magnesia, 1118
Magnesia, magma, 1118
assay of, 1002
Massachusetts College of Pharmacy, 77
Massa Ferri Carbonatis, 549, 1572
hydrargyri, 550, 1572
Materia medica, 253
standardization, 1161
Matricaria, 390
Mayo, Caswell A., 1336, 1725
Medicaments—
need of authority for, 259
Medicinal Plants—
cultivation of, 111
gardens, 1436
growing of, 34
influence of soil on, 308
Medicine—
superstition in, 1146
modern, trend of, 1175
Medullary ray cells, 649
Membranes, collodion—for dialysis, 499
Menyanthes, 875
Mercury, volumetric determination of, 50
Metal Colloids, (illustrated), 799
Methyl alcohol, detection of, 637
Methyl, salicylate of, 1104, 1658
detection of, 566
Method, advertising, 1318
colorimetric, 1460
of determining citral, 553
of handling ammonia water, 506
Migraine tablets, 1093
Mistura, cretae, 549
glycyrrhizae compositae, 551
Monoxidum—
nitrogenii, 1572
Morphine—
determination of, in tablets, 642
estimation of, and Lloyd's reagent, 1656
sulphate of, 1093
Moschus, 391
Mucilago, acaciae, 551
tragacanthae, 549
Museum, Pharmacognosy, The, 17
Mullein flowers, 1597
Mushroom, edible, culture of (illustrated), 434
Myristica, 391
oil of, 1109
Myrrh, 392

N

National Drug Trade Conference—
proceedings of, 261
report of delegates (1913), 191
National Formulary—
proposed additions to, 322
fluidglycerates, comments on, 324
Necrology, 276, 610, 1029, 1324, 1610, 1751
Nitric acid, 1564
Nitrogenii Monoxidum, 1572
Nitroglycerine tablets, 1074-75, 1094

Nitrometer, A New, (illustrated), 1442
Nux Vomica, 392, 1096
new alkaloid in, 1677
assay of, 994

O

Officers, election of, 1336, 1535
nomination of A. Ph. A., 1354
Oil—
almond, (bitter), 1105
anise, 855, 1105
bay, 876
bergamot, 876
birch, 1658
cade, 1106
cajuput, 1106
cari, 1106
cassia, 855
cloves, 1107
cinnamon, 1107
coriander, 1107
cubebs, 1107
eucalyptus, 854, 1107
fennel, 1108
gaultheria, 854
hops, 779
juniper, 858, 1108
lavender, 858, 1108
lemon, 1108
neroli, 875
nutmeg, 1109
orange, 851, 1106
picis, 1109
pimento, 1109
pennyroyal, 1108
peppermint, 1109
pini pumil, 1110
rosemary, 1110
russian, 1013
sandal, 1110
sassafras, 1110
sesami, 1573
sinapis, 1110
spearmint, 1109
turpentine, 1110, 1573
thyme, 1110
wormseed, 1107
Oils, analysis of, 1664
volatile, 1670
Oleo-resins, aspidii, 551
capsici, 551
cubebae, 549
petroselini, 1573
piperis, 551
zingiberis, 551
Opium, 393
deodoratum, 1574
granulatum, 1574
Orange—
oil of, 1106
syrup of, 1576
Orris, 1598
Oregon Balsam, 28
Organo-Therapy, 1138
Opii Pulvis, 393
Ouabain, stability of, 646
Ovarian gland, 1140
Ovum gallinaceum, 877

P

Panama-Pacific International Exposition, 449, 1751
chemical and pharmacal arts in, 1019
Papain, 169
Paraffin oil, 580
Patent medicine problem, 572
Passiflora, 877
Passion flower and vine, 877
Patents, introduction to report of com. on, 675
Pennsylvania, in the A. Ph. A., 1135
Pepo, 393
Petrolatum liquidum, 577
Peppermint, 390
essence of, 671
oil of, 1109
Petroselinum, 1599
fructus, 393
oleoresina, 1573
Pharmaceutical Happenings, 1703
Pharmacists—
duty of, 672
insurance for, 713
laboratory equipment of, 569
organo-therapy for, 1138
Pharmacognosy Museum, The, 17
relation to pharmacy practice, 175
Pharmacy of adrenalin, 1547
Pharmacy, and queries, 1463
don'ts in, 971
commercialization in, 1454
homeopathic, history of, 1707
legislative problems of, 1501
manufacturing, practical points in, 1325
relations to pharmacognosy, 175
retail, apparatus in, 695
section on practical, and dispensing, 1155, 1519
Pharmacopoeia, A, for physicians and druggists, 51
Pharmacopoeia, U. S., The—
its limitations, 432
ninth revision, 359, 524, 984, 1100, 1563
progress of revision of, 429
preparations of, 1023
report of committee on, 1301
revision of, 863
the druggist, physician and the, 1167
Philadelphia College of Pharmacy, 78
Phosphoric acid, 1564
Phylacogens, The, 868
Physicians and prescription writing, 961
Physostigma, 394
assay of, 995
Picis liquidæ, oil of, 1109
syrup of, 1576
Pills, aloes, 549
asafœtida, 549
catharticæ compositæ, 549
ferri carbonatis, 549, 1547
ferrous iodide, 549
phosphori, 549
rhei compositæ, 549
Pilocarpus, 394
assay of, 996
Pimento, oil of, 1109
Pimpinella, 1599
Pini pumilionis, oil of, 1110
Piper, 395
Pituitary gland, 1139
pharmacodynamic, study of (illustrated) 808
Plain Duty, A, 1688
Plants, medicinal, cultivation of, 111
gardens, 1436
growing of, 34
influence of soil on, 308
Podophyllum, 396
Poisons, safeguarding use of, 257
Potassium bicarbonate, 1096
chlorate, 1574
citrate, effer., 549
formate, 1599
iodide, 645
permanganate, 1097
Powders, Seidlitz, 643
Preparations, adulterated, 500
analysis of pharmaceutical, 642
of the new U. S. P., 1023
of pure sucrose and dextrose caramel, 495
Prescription dept., pharmacy and system in, 348
Prescriptions, and a query, 695
writing by physicians, 961
analysis of, 1554
President, address of, Geo. M. Beringer, 1217
address of, Mrs. Godding, 1513
greeting from honorary pres., A. B. Lyons, 136
honorary, Geo. H. Schafer, sketch of life, 1459
installation address of, C. A. Mayo, 1249
newly-elected, for 1915-16, Wm. C. Alpers, 1535
Prescriptionists, the American Institute of, 1542
Preservatives, value of, in syrup of iron iodid, 970
Price Protection, 8, 85, 484
Problems, Patent Medicine, 572

Proceedings of the local branches, 142, 279, 458, 598, 752, 891, 1030, 1340, 1481, 1612, 1744
Processes, type, 538, 539, 540
Prunus virginiana, 396
  syrup of, 1576
Pulvis aromaticus, 551
  glycyrrhiza compositus, 551
  ipecac et opii, 551
  jalapæ compositus, 552
  rhei compositus, 552
Pyrethrum, 397
Pumex, 877

Q

Qualifications to teach, 503
Quassia, 397
Quinin, bisulphate, 1097
  sulphate, 1097
  valerate, 1600

R

Radium Emanation, 1649
Rammelsberg, Carl Friedrich, 82
Reagents of U. S. P., ninth revision, 1581
Relations, mutual, of mfr. and druggist, 85
Remedies, useful, proposed list of, 932
Remington, Joseph P., 1536
Reports, committee on auditing, 1267
  on credentials, 1353
  on Ebert prize, 435
  on formation of local branches, 1279
  on membership, 1277
  on nominations, 1354
  on patents and trade-marks, 675, 680, 1521
  on physiological testing, 1433
  on president's address, 1368
  on Procter memorial, 1267
  on publication, 1378
  on quality of medicinal products, 1283
  on recipe book, 189, 1302
  on revision of constitution and by-laws, 1491
  on status of pharmacists, 1270
  on time and place, 1355
  on U. S. Pharmacopœia, 1301
  on unofficial standards, 873, 1597
  on weights and measures, 1271
  on women's section, 1513
  of delegates to National Drug Conference, 191, 1275
  of general secretary, 1256
  of historian, 76, 1701
  of N. A. R. D. Convention, 1034
  of retiring general secretary, 1251
  of secretary of section on education and legislation, 748, 887
  of secretary of section on Historical Pharmacy, 1699
  of special committee on rules and by-laws, 1280
  of treasurer, 1258
Resignation of Dr. Beal, 769
Resins, 544, 1574
  jalap, 544
  podophylli, 544
  scammonii, 544
Revision, Pharmacopœial, progress of, 429
Rhamnus purshiana, 397
  chemical tests of, criticised, 982
Rhubarb, 398
  fluidextract, 542
  syrup of, 1576
Rosin, 854
Rosmarini, oil of, 1110
Roster, official (1913-14), 1197
Ruddiman, Edsel A., 1724
Russian mineral oil, 1013

S

Sabal, 399
Sales, the art of making, 509
Sambucus, 877
Sanguinaria, 399
  tincture of, 1577
Santalum, rubrum, 400
  oil of, 1110
Santonin in santonica, 634
Sarsaparilla, 400
  comp. syrup of, 1576
Sassafras, 401
  oil of, 1110
Scammony, 402
Schafer, George H. (illustrated), 1459
Schödler, Friedrich, 81
Science, electrical, 1606
Science of immunology, 1290
Scientific section, 1154
Scilla, 402
  acetum, 549
  fluidextract, 1570
  compound syrup, 1576
Scopolaminæ, hydrobromide, 1574
Seidlitz powders, assay of, 643
Senecio, 877
Sections, Historical, 80
  Pharmacopœias and Formularies, 1154
  Practical Pharmacy and Dispensing, 1155, 1519
  Scientific, 1154
  Women's, minutes of, 1513
Serum, antidiptheric, 1101
  antitetanus, 1102
Sessions, General,
  First, 1217
  Second, 1353
  Third, 1363
  Fourth, 1382
Sevum preparatum, 1575
Senega, 403
  syrup of, 1576
Senna, 404
  syrup of, 1576
Serpentaria, 404
Sesami, oleum, 1573
Silicea, terra, purified, 1577
Sinapis alba, 405
Sinapis, oil of, 1110
Soap, liniment, 550, 1571
Sodium, salicylate of, 1098
  bicarbonate of, 1098
  bromid of, 1098
  glycerophosphas of, 1575
  formate of, 1600
Solutions, test, cobaltous chloride, 1101
  gold chloride, 1101
  volumetric, standardization of, 708
Spearmint, 391
  oil of, 1109
Spigelia, 405
  a substitute for, 33
Spirits, (U. S. P. IX), 526, 527
Standardizing a three-year course, 330
Standards, report of committee on unofficial, 873, 1597
  for the unofficial, drugs and chemical products, 1597
Staphisagria, 407
Stas, Jean Servais, 82
Sterilization, 792
Stillingia, 406
Stramonium, 407
  assay of, 996
Strontium—
  bromid, 1098
  carbonas, 878
Strophanthus, 407
Strychnin—
  sulphate, 1098
  valerate, 1601
Succus, citri, 878
  pomorum, 879
Suggestion or Two, A, 1173
Sulphur, precipitated, 853
Sulphuric acid, 1564
Sumbul, 408
Suppositories, 552
  glycerine, 552
Syllabus, the new pharmaceutical, 1535
  symposium on, 1727
Synthetics, new, gen. use of, 1141
Syrups (U. S. P. IX), 1575, 1576
Syrup, phosphates, comp., 232

T

Tablets, sweet, for children, 656
  compressed, 31, 72
Tablet manufacturer, 820, 937, 1062
Talcum, 854
Tannic acid, 854

Tragacantha, 408
Taraxacum, 408
Tartaric acid, 1564
Three-year course, standardized, 330
Thyme, 1601
  oil of, 1110
Thyroprotein, 1139
Time to Halt, 1144
Tinctures, 544, 1660
  aconite, 544
  aloes, 545
  asafœtida, 545
  aurantii amari, 545
  aurantii dulcis, 545
  belladonnæ foliorum, 545
  benzoin, 545
  benzoin comp., 545
  calumbæ, 545
  cannabis indicæ, 545
  cantharides, 631, 1576
  capsici, 545
  cardamomi, 545
  cinchona, 1090-1091, 1577
  cinnamon, 545
  colchici seminis, 374, 545
  digitalis, 1577
  ferri chloride, 545
  gambir comp., 546
  gelsemii, 546
  gentianæ comp., 546
  guaiaci, 546
  guaiaci ammoniata, 546
  hydrastis, 546
  hyoscyami, 546
  iodi, 546, 645, 1577
  kino, 546
  lactucarii, 547
  lavender composite, 547
  limonis corticis, 547
  lobeliæ, 547
  moschi, 547
  myrrh, 547
  nux vomica, 547
  opii, 547
  opii camphorata, 547
  opii deodorati, 547
  physostigmatis, 547
  pyrethri, 547
  quassiæ, 547
  rhei, 547
  rhei aromatica, 547
  sanguinariæ, 1577
  scillæ, 547
  stramonii, 548
  strophanthi, 548
  tolutana, 548
  valerianæ, 548
  valerianæ ammoniata, 548
  vanilla, 548
  veratri, 548
  zingiberis, 548
Titles, Pharmacopœial, for new remedies, 652
Trade-mark evil, 67
Trade-marks, report on, 675
Trade pirates, 164
Triticum, 409
Triturates, 549
Trochisci of U. S. P. (IX), 1578
Tolu, syrup of, 1576
Trillium, 879
Trional, 1099
Trioxymethylena, 1577
Turpentine, 853
  liniment of, 550
  oil of, 1110, 1573

U

Ulmus, 410
Unity of effort, 622
Unguentum, (U. S. P. IX), revision, 1578
  1579
Urine, analysis of, 1120
  chemical examination of, 687
Uva ursi, 410

V

Vaccines, sensitized, 103
  and antitoxins, the use of, 715
  autogenous, consideration of, 721
  autogenous, preparation of, 177
  protection and care of, 858
Virus vaccinicum, 1103
Valeriana, 411
Veratrum viride, 412
Verbena, 879
Veronal, 1099
Viburnum opulus, 413
  prunifolium, 413
Volumetric determination of mercury, 50
Vleminck's solution, 1000
Vrij, Dr. Johan Eliza de, 83

W

Waters, U. S. P. (IX), 524-25-26, 1565
White ash bark, 874
Wild, Johann Rudolf, 81
Wild Yam root, 874
Window dressing, 122, 440
Women's section, 1513
Wormseed, oil of, 1107
Wright's stain, 95

X

X-rays show ether waves, 1602

Y

Yearbook of A. Ph. A., 819
"Yuletide," 1687

Z

Zanthoxylum, 414
Zinc phenolsulphonate, 1099
Zingiber, 415
  syrup of, 1576